

From: [Casey, Carolyn](#)
To: [Ballew, Mary](#)
Subject: RE: inhalation toxicity values for the former United Shoe Machinery site
Date: Wednesday, April 18, 2018 10:06:00 AM
Attachments: [image001.png](#)

Any further progress with this? Can I send the file from STSC to the facility?

Thanks
carolyn

From: Ballew, Mary
Sent: Tuesday, April 10, 2018 4:05 PM
To: Casey, Carolyn <Casey.Carolyn@epa.gov>
Subject: FW: inhalation toxicity values for the former United Shoe Machinery site

Hi Carolyn—

here is what I received from STSC. I think that they changed their procedures, so I may need to go to the original sources to find the target organs. Could you point out to me or send me the spreadsheet where you summed the Hazard Indices so that I can identify the chemicals that were added to make the HQ of 2?

Thanks,
Mary

From: Superfund STSC
Sent: Monday, March 26, 2018 1:25 PM
To: Ballew, Mary <ballew.mary@epa.gov>
Cc: CI NCEA STSC <CI_NCEA_STSC@epa.gov>; STSC Hotline Admin Group <STSC_Hotline_Admin@epa.gov>
Subject: FW: inhalation toxicity values for the former United Shoe Machinery site



Dear Mary,

Thank you again for submitting your request for toxicity information for chemicals at the Cummings Center RCRA site to the STSC. The STSC searched for existing toxicity values for these chemicals using chemical name and CASRN. We included data for Xylene mixtures, m-, o-, and p- isomers. The information came up frequently in our search results, and may be relevant to your needs. As you point out, these chemicals do not have IUR values derived by IRIS or PPRTV. However, there are RfCs for several of the chemicals of concern. If you have questions on any of the information provided or would require additional assistance, please let us know.

Mary, we apologize for our mistake and not adding the appropriate attachment.

Thank you,
Katie Magee
STSC

From: Magee, Katie
Sent: Monday, March 26, 2018 1:15 PM
To: Ballew, Mary <ballew.mary@epa.gov>
Cc: CI NCEA STSC <CI_NCEA_STSC@epa.gov>; STSC Hotline Admin Group <STSC_Hotline_Admin@epa.gov>
Subject: RE: inhalation toxicity values for the former United Shoe Machinery site



Superfund Technical Support Center
c/o U.S. Environmental Protection Agency
26 W. Martin Luther King Drive, MS A-G41
Cincinnati, OH, 45268
Phone: 513-569-7300
Email: Superfund_STSC@epa.gov
Supported by Highlight Technologies

Dear Mary,

Thank you again for submitting your request for toxicity information for chemicals at the Cummings Center RCRA site to the STSC. The STSC searched for existing toxicity values for these chemicals using chemical name and CASRN. We included data for Xylene mixtures, m-, o-, and p- isomers. The information came up frequently in our search results, and may be relevant to your needs. As you point out, these chemicals do not have IUR values derived by IRIS or PPRTV. However, there are RfCs for several of the chemicals of concern. If you have questions on any of the information provided or would require additional assistance, please let us know.

Thank you,
Katie Magee
STSC

From: Superfund STSC
Sent: Friday, March 16, 2018 12:20 PM
To: Ballew, Mary <ballew.mary@epa.gov>
Cc: CI NCEA STSC <CI_NCEA_STSC@epa.gov>; STSC Hotline Admin Group <STSC_Hotline_Admin@epa.gov>
Subject: Re: inhalation toxicity values for the former United Shoe Machinery site



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Dear Mary,

Thank you for submitting your request for toxicity values for chemicals at the Cummings Center RCRA site to the STSC. We are currently processing your request, but need to request further information. Could you please confirm that the following list of chemical names and CASRNs are correct for the chemicals you requested? Please let us know at your earliest convenience, and let us know if you have any further questions.

Butanone, 2- (MEK)	78-93-3
Chloroethane (Ethylene chloride)	75-00-3
Cyclohexane	110-82-7
Dichlorodifluoromethane	75-71-8
Dichloroethene, Cis-1,2-	156-59-2
Freon 113 (Trichloro-1,2,2-trifluoroethane, 1,1,2-)	76-13-1
Heptane, n-	142-82-5
Hexane	110-54-3
Propylene	115-07-1
Styrene	100-42-5
Tetrahydrofuran	109-99-9
Trichlorofluoromethane	75-69-4
Trimethylbenzene, 1,2,4-	95-63-6
Trimethylbenzene, 1,3,5-	108-67-8
Xylene, m,p-	179601-23-1
Xylene, o-	95-47-6

Sincerely,
Jacki Toms
STSC

From: Superfund STSC
Sent: Friday, March 16, 2018 1:41 PM
To: Ballew, Mary
Cc: CI NCEA STSC; STSC Hotline Admin Group
Subject: Re: inhalation toxicity values for the former United Shoe Machinery site



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Dear Mary,

We have received your request for toxicity information for chemicals at the Cummings Center RCRA site. Your request is currently being reviewed. We will send you a response as soon as it is completed. In the meantime, do not hesitate to contact the STSC if you have questions.

Sincerely,
Jacki Toms
STSC

From: Ballew, Mary
Sent: Thursday, March 15, 2018 8:23:31 PM
To: Superfund STSC
Cc: Casey, Carolyn
Subject: inhalation toxicity values for the former United Shoe Machinery site

Dear Sir or Madam:

I am looking for either Inhalation Unit Risks or Reference Concentrations (or both) for the chemicals listed below. Any documents about the carcinogenicity would also be helpful. Please let me know a rough timeframe for providing the information to me.

These chemicals were detected in the RCRA Corrective Action Site called:

Former "United Shoe Machinery (USM)" currently "Cummings Center"
100 Cummings Center Beverly MA
Site ID - MAD043415991

The EPA, RCRA Corrective Action, RCRA Facilities Manager is Carolyn Casey.

I believe that these are indoor air contaminants from building number 100. I am concerned about the number of detects in a building used for educational purposes.

No IUR (inhalation unit risk in the J&E Excel spreadsheet for VI)

Chloroethane (ethylene chloride)

Cyclohexane

Dichlorodifluoromethane

Cis12 dichloroethene

Freon 113

hexane

2 butanone (MEK)

m, p xylene

n heptane

o xylene

propylene

styrene

tetrahydrofuran

trichlorofluoromethane

124 trimethylbenzene

135 trimethylbenzene

Thank you and feel free to call me if you have any questions.

Sincerely,

Mary A. Ballew

Human Health Risk Assessment

EPA-New England, Region 1

617-918-1277

ballew.mary@epa.gov